

Student Research News e-bulletin

February 23, 2018

<http://www.med.ubc.ca/srn>

In this issue:

Funding Opportunities and Awards

SAGES Medical Student Summer Research Award
Lillehei Heart Institute Medical Student Summer Research Grant (Minnesota)
BC Cancer Studentships
Canadian Liver Foundation Summer Studentship
Alex's Lemonade Stand Foundation Pediatric Oncology Student Training Program

Upcoming Events

Beyond DNA & RNA: Synthetic genetics and xenobiology
Your Health on the Go: Think Digital
2018 Norman Bethune Symposium

Additional Research and Scholarship Opportunities & Resources

Research Assistant Position – Canadian Bladder Cancer information system
University of Toronto Medical Journal: Call for Submissions

Funding Opportunities and Awards

[SAGES Medical Student Summer Research Award](#)

Deadline: Mar 9, 2018 4:00pm

The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) is awarding one **medical student** a stipend of \$4,000 to support a summer research proposal. This award is open to all students who plan to perform research under the supervision of a SAGES member.

[Lillehei Heart Institute Medical Student Summer Research Grant \(Minnesota\)](#)

Deadline: Mar 1, 2018

Research opportunities in either basic cardiovascular science or clinical cardiovascular science are available for **1st year MD students** to work with a researcher at the University of Minnesota. Awards are provided for 9 weeks of summer research between July 2-Aug 31, 2018. Please visit the website for full application details.

[BC Cancer Studentships](#)

Deadline: Mar 12, 2018

The BC Cancer Foundation is offering summer research studentships for **non-MD undergraduate students (3rd and 4th year) or MD students** for a maximum of 16 weeks of fulltime work between May 1 – August 31. Projects may address any discipline of cancer research including clinical, translational, basic, behavioural and population research areas. Awards may be held at any BC Cancer site but the research project must be funded and supervised by a senior health professional who has a Research or Faculty appointment with BC Cancer. Visit the website for more details.

[Canadian Liver Foundation Summer Studentship](#)

Deadline: Mar 31, 2018

The Canadian Liver Foundation (CLF) is offering three summer studentships for research projects related to radiology of liver disease at the University of Alberta to **undergraduate students** registered at a Canadian academic institution. The project must be supervised by a member of the Canadian Association for the Study for the Liver (CASL). The successful applicant will receive a stipend of \$3,500 plus \$500 for supplies for three months of full-time research between May to August. Visit the website for full application details.

February 23, 2018

[Alex's Lemonade Stand Foundation Pediatric Oncology Student Training Program](#)

Deadline: Apr 1, 2018 4:00pm; applications are accepted on a rolling basis until 50 have been received

Alex's Lemonade Stand Foundation (ALSF) is offering awards for **MD and non-MD undergraduate students** with an interest in pediatric oncology research. Successful applicants must dedicate a minimum of eight full consecutive weeks to the program and between May 1 and August 31, 2018. A maximum of \$5,000 will be awarded per student. Applicants must find a mentor who is an active researcher in pediatric oncology in a US or Canadian institution and a past or current ALSF grantee, advisory board member, or grant reviewer. Please visit the website for further details.

Funding Reminders

[Summer Student Research Scholarships in Psoriatic Diseases](#) – Feb 23, 2018

[Canadian Society for the History of Medicine Hannah Summer Studentship](#) – Feb 23, 2018

[American Society for Pharmacology and Experimental Therapeutics Summer Undergraduate Research Fellow](#) – Mar 1, 2018

[BC Children's Hospital Research Institute Summer Student Research Program](#) – Mar 1, 2018

[Cystic Fibrosis Canada Summer Studentships](#) – Mar 1, 2018

[American Osler Society William B. Bean Student Research Award](#) – Mar 1, 2018

[Canadian Rheumatology Association Summer Studentship Programs](#) – Mar 5, 2018

[FoM NSERC Undergraduate Student Research Award](#) – Mar 6, 2018

[UBC Department of Pathology and Laboratory Medicine Summer Student Fellowship Program](#) – Mar 9, 2018 4:00pm

[UBC Centre for Blood Research Summer Studentship Program](#) – Apr 1, 2018; Mar 15, 2018 for general application

For additional funding opportunities visit: <http://med.ubc.ca/current-learners/research/funding/>.

Upcoming Events

[Beyond DNA & RNA: Synthetic genetics and xenobiology](#)

Date: Feb 26, 2018 10:30am-12:00pm

Location: UBC Biomedical Research Centre (2222 Health Sciences Mall)

The School of Biomedical Engineering presents a special seminar with the BME Faculty Candidate, **Alexander I. Taylor, Ph.D.** Abstract: Polymerase engineering and directed evolution has allowed us to establish (in vitro) artificial systems that support heredity and evolution, two of the hallmarks of life, using polymers composed of non-natural building blocks, "Xeno Nucleic Acids" (XNA). "Synthetic genetics" now allows us to explore the evolutionary landscape of a range of alternative chemical scaffolds, and opens the door to functional synthetic molecules that interact with, or rewire natural systems, or offer artificial alternatives ("Xenobiology"). I have evolved fully-artificial ligands and enzymes, and shown that XNAs can be used as components for 3D nanoscale designs with high stability in physiological conditions. Our results demonstrate that fundamental biological phenomena (information handling, molecular recognition, catalysis and self-assembly) can be performed by a range of alternatives to nature's biomolecules, suggesting the possibility of life based on other chemistries, and underscoring the potential for XNAs with structures and physicochemical properties divergent from DNA and RNA to provide a wide variety of novel tools and technologies for research, biotechnology and medicine.

[Your Health on the Go: Think Digital](#)

Date: Mar 8, 2018; 5:30-7:00pm

Location: VGH Paetzold Auditorium (899 West 12th Avenue, Vancouver)

Vancouver Coastal Health Research Institute, BC Children's Hospital Research Institute, and Providence Health Care Research Institute present this free public forum. Join speakers Dr. Mark Ansermino, Dr. Linda Li and Dr. Kendall Ho as they share the latest tools and trends in digital health research. Please RSVP on the website (hyperlinked above).

2018 Norman Bethune Symposium

Date: REGISTRATION – Mar 20, 2018; EVENT – Apr 10, 2018

Location: UBC Robson Square Theatre (800 Robson Street, Vancouver)

The CBR is excited to present its **7th Annual Norman Bethune Symposium!** This free, full-day symposium will include keynote presentations on the topics of red blood cell biology, patient blood management, new developments in platelet products, the appropriate use of blood and blood products and cellular therapies. In addition to hearing from both Canadian and international speakers, talks will be given by those receiving blood products, and selected oral and poster presentations will be given by students at all levels of training. The Symposium will be followed by a wine and cheese reception for all attendees.

Event Reminders

[Kinesiology Distinguished Speaker Series: Mobile Brain Imaging with EEG](#) – Mar 1, 2018 11:00am-12:30pm

[UBC and BC Children's Hospital Antimicrobial Resistance Symposium](#) – Mar 1, 2018 1:00pm-5:00pm

[Inaugural Psychiatry Summer Immersion Program](#) – Jun 4-6 (Applications start Jan 15, 2018)

[Clinical Research Ethics Board Office Drop-In Sessions](#) – Every 2nd & 4th Monday of the month

For additional event listing visit: <http://www.med.ubc.ca/current-learners/research/stay-connected/>.

Additional Research and Scholarship Opportunities & Resources

Research Assistant Position – Canadian Bladder Cancer information system

Deadline: Feb 27, 2018

Dr. Peter Black, Professor, UBC Dept. of Urology is seeking a **Yr 1 MD student** partner to work with him on a research project in the area of bladder cancer. Dr. Black and the successful applicant will apply for a grant from the Canadian Bladder Cancer Information System Summer Student Program. The grant is to support 10 weeks of full time research during the period June 18-Aug 24, 2018. Student awardees must commit to a full 10 weeks to be eligible and will receive a total stipend of \$5,000.

The Canadian Bladder Cancer information system (CBCIS) is a central repository of prospective clinical data on bladder cancer patients currently in use in Canadian medical centres into a centralized database with a core data field set that is common to all sites. It was initiated to support clinical and basic research in bladder cancer across Canada. It also will contribute to the development of centres of expertise in bladder cancer research and provides researchers and clinicians with essential information to help initiate and maintain their programs.

Objective of the CBCIS Summer Student Program: The main objective is to pair the site Principal or Co-Investigators with medical or undergraduate students to collaborate with their counterparts across Canada to improve the quality and quantity of data entry at each participating site. It is expected that the awardees will participate in bladder cancer related research projects as well as have exposure to the health care system and health informatics.

Interested students should forward their CV to Helen Wong at helen.wong@ubc.ca by February 27th. Subject line: CBCIS Summer position in Urology. Questions regarding this opportunity can also be directed to Helen.

February 23, 2018

[University of Toronto Medical Journal: Call for Submissions](#)

Deadline: Mar 31, 2018

The University of Toronto Medical Journal (UTMJ) is currently accepting submissions for our upcoming issue on Critical Care. We publish several themed issues yearly and provide a medium for students, residents, and faculty to publish their primary work, reviews, and commentaries. Submissions are not restricted to theme-related topics in order to be published. A description of the theme, accepted submission types, details for submission, and relevant deadlines can be found on the UTMJ website.

Reminders

[Call for Submissions: UBC Medical Journal](#) – Mar 10, 2018

Additional research and scholarship information and resources are available on the Student Research website:
<http://med.ubc.ca/current-learners/research/>.
